UNIVERSITY OF MAURITIUS

VACANCY

Applications are invited from suitably qualified candidates for the post of **Post-Graduate Teaching Assistant** (PGTA) for teaching the module *MA 2204(3) Numerical Analysis II/MA 2210(3) Computational Science II* for the contractual period June 2023 to September 2023 (Semester Two of Academic Year 2022/2023).

Qualifications Required:
- A degree in Mathematics/Mathematics with Computer Science and/or full-time MPhil/PhD students registered at the University of Mauritius.
- Successfully completed the module LLC0050 – Short Courses on Teaching Strategies and Administrative Responsibilities of Part-Time Lecturers.

Profile
Candidates must have:
- At least a second-class Bachelor's degree with Honours
- Excellent knowledge of Numerical Analysis/Computational Science Topics (Euler and Trapezoidal Methods, Runge-Kutta Methods, Linear Multistep Methods, Zero-Stability and Convergence)
- Excellent abilities in problem solving related to the above topics
- Good communication skills
- Good analytical skills

Responsibilities & Duties
Under the direct supervision of the Module Lecturer/ Coordinator, the PGTA will be responsible for:

- Running of tutorials classes.
- Demonstration of numerical simulations and convergence properties
- Counseling
- Preparation of instructional materials
- Invigilation of class tests
- Organisational and other cognate duties that may be assigned by the Dean of Faculty

Remuneration
Rs 500/- per contact hour (PGTA)
For a total of 10 contact hours for the purpose of payment (One batch of *face to face tutorial* of 1 contact hour/week each, over a total of 10 weeks)

Duration of Contract

Appointment will be offered for a contractual period from June 2023 to September 2023 (Semester Two of Academic Year 2022/2023). The proposed starting date will be communicated.

Mode of Application

Letter of application together with a detailed *Curriculum Vitae* and photocopies of qualifications, birth certificate, marriage certificate (if applicable), testimonials and equivalence of qualifications (where applicable) should reach the **Dean, Faculty of Science (Attention: Head of Department of Mathematics), University of Mauritius, Réduit** AND emailed to hodfos_math@uom.ac.mu and copied to deanfos@uom.ac.mu by Thursday 4 May 2023 by noon.

The envelope and email subject should be clearly marked **"PGTA- *Module MA 2204(3) Numerical Analysis II/MA 2210(3) Computational Science II"*** on the top right hand corner.

Applications received after the closing date will not be considered. The University reserves the right:
- To call for interview only the most appropriately and best qualified applicants.
- Not to make any appointment as a result of this advertisement.

26 April 2023

Dean, Faculty of Science